

ABSTRACT

An object of the invention is to provide an optical material that is not affected by an environmental variation and of which birefringence is within ± 0.0005 , and to provide an optical electronic component therewith and an optical electronic device therewith.

An optical material is characterized in that the optical material is lithium tantalate and a molar composition ratio of lithium oxide and tantalum oxide ($\text{Li}_2\text{O}/\text{Ta}_2\text{O}_5$) in the lithium tantalate is 0.975 or more and 0.982 or less. Since an optical material high in the refractive index can be used in an optical unit, at the same focal distance, a lens thickness can be made thinner. As a result, when a lens having the characteristics is used, an optical electronic component that is miniaturized, thinned and highly functioned can be provided and an optical electronic device having the above characteristics can be provided.